

We claim:

1. A machine for processing electrodes formed on a plate-like workpiece to make the electrodes projecting from the front surface of the plate-like workpiece uniform in height,  
5 comprising:

a chuck table having a placing surface for placing the plate-like workpiece, which can be moved between a workpiece take-in/take-out area and a processing area;

a chuck table moving unit for moving the chuck table  
10 between the workpiece take-in/take-out area and the processing area;

a cutting unit having a cutting tool for cutting a plurality of electrodes projecting from the front surface of the plate-like workpiece arranged in the processing area and  
15 held on the chuck table to make them uniform in height;

a cutting unit feed mechanism for moving the cutting unit in a direction perpendicular to the placing surface of the chuck table;

a take-in means for carrying the plate-like workpiece  
20 before processing to the chuck table positioned in the workpiece take-in/take-out area; and

a take-out means for taking out the plate-like workpiece after processing held on the chuck table positioned in the workpiece take-in/take-out area.

25

2. The machine for processing electrodes formed on a plate-like workpiece according to claim 1, wherein the machine comprises a cassette placing portion for placing a cassette storing a plurality of plate-like workpieces, a workpiece  
30 conveying means for taking out the plate-like workpiece before processing from a cassette placed on the cassette placing portion, and a workpiece temporary storage portion for temporarily storing the plate-like workpiece carried by the workpiece conveying means, and the plate-like workpiece

carried to the workpiece temporary storage portion is conveyed onto the chuck table positioned in the workpiece take-in/take-out area by the take-in means.

5     3.     The machine for processing electrodes formed on a  
plate-like workpiece according to claim 2, wherein the machine  
comprises a cleaning means for cleaning the plate-like  
workpiece after processing, the plate-like workpiece after  
processing held on the chuck table positioned in the workpiece  
10 take-in/take-out area is carried to the cleaning means by the  
take-out means, and the plate-like workpiece after processing  
cleaned by the cleaning means is stored in a cassette placed  
on the cassette placing portion by the workpiece conveying  
means.

15

4.     The machine for processing electrodes formed on a  
plate-like workpiece according to claim 1, wherein the machine  
comprises a processing fluid supply means for supplying a  
processing fluid toward the plate-like workpiece held on the  
20 chuck table in the processing area.

5.     The machine for processing electrodes formed on a  
plate-like workpiece according to claim 4, wherein the  
processing fluid supply means supplies ionized air.

25